

ESPECIFICACIONES TÉCNICAS

ROG STRIX B650-A GAMING WIFI

Note: The specifications are subject to change without notice.

CPU	AMD Socket AM5 for AMD Ryzen™ 7000 Series Desktop Processors* * Refer to www.asus.com for CPU support list.
Chipset	AMD B650
Memoria	4 x DIMM, Max. 128GB, DDR5 6400+(OC)/ 6200(OC)/ 6000(OC)/ 5800(OC)/ 5600(OC)/ 5400(OC)/ 5200/ 5000/ 4800 ECC and Non-ECC, Un-buffered Memory* Dual Channel Memory Architecture Supports AMD EXTended Profiles for Overclocking (EXPO™) OptiMem II * Supported memory types, data rate(Speed), and number of DRAM module vary depending on the CPU and memory configuration, for more information refer to www.asus.com for memory support list. * Non-ECC, Un-buffered DDR5 Memory supports On-Die ECC function
Gráficos	1 x DisplayPort* 1 x HDMI® port** *Supports max. 8K@60Hz as specified in DisplayPort 1.4. ** Supports 4K@60Hz as specified in HDMI 2.1. *** VGA resolution support depends on processors' or graphic cards' resolution.
Puertos de expansión	AMD Ryzen™ 7000 Series Desktop Processors 1 x PCIe 4.0/3.0 x16 slot AMD B650 Chipset 1 x PCIe 4.0/3.0 x16 slot (supports x4 mode)* 2 x PCIe 4.0/3.0 x1 slots * PCIe 4.0 x16 slot (supports x4 mode) from AMD B650 Chipset shares bandwidth with M.2_3.
Almacenamiento	Total supports 3 x M.2 slots and 4 x SATA 6Gb/s ports* AMD Ryzen™ 7000 Series Desktop Processors M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode) M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode) AMD B650 Chipset M.2_3 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4)** 4 x SATA 6Gb/s ports *AMD RAIDXpert2 Technology supports both NVMe RAID 0/1/10 and SATA RAID 0/1/10. ** M.2_3 slot shares bandwidth with PCIe 4.0 x16 slot (supports x4 mode). When PCIe x16_2 slot is operating, M.2_3 will be disabled.
Ethernet	1 x Intel® 2.5Gb Ethernet ASUS LANGuard
Wireless & Bluetooth	Wi-Fi 6E 2x2 Wi-Fi 6E (802.11 a/b/g/n/ac/ax) Supports 2.4/5/6GHz frequency band* Bluetooth v5.2

	* WiFi 6E 6GHz regulatory may vary between countries, and function will be ready in Windows 11 or later.
USB	Rear USB (Total 9 ports)
	1 x USB 3.2 Gen 2x2 port (1 x USB Type-C®)
	4 x USB 3.2 Gen 2 ports (3 x Type-A + 1 x USB Type-C®)
	4 x USB 2.0 ports (4 x Type-A)
	Front USB (Total 7 ports)
	1 x USB 3.2 Gen 2 connector (supports USB Type-C®)
	1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports
	2 x USB 2.0 headers support additional 4 USB 2.0 ports
Audio	ROG SupremeFX 7.1 Surround Sound High Definition Audio CODEC ALC4080
	- Impedance sense for front and rear headphone outputs
	- Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking
	- High quality 120 dB SNR stereo playback output and 113 dB SNR recording input
	- Supports up to 32-Bit/384 kHz playback
	Audio Features
	- SupremeFX Shielding Technology
	- Savitech SV3H712 AMP
	- Premium audio capacitors
	- Audio cover
Puertos traseros E/S	1 x USB 3.2 Gen 2x2 port (1 x USB Type-C®)
	4 x USB 3.2 Gen 2 ports (3 x Type-A, 1 x USB Type-C®)
	4 x USB 2.0 ports (4 x Type-A)
	1 x DisplayPort
	1 x HDMI® port
	1 x Wi-Fi Module
	1 x Intel® I225-V 2.5Gb Ethernet port
	5 x Audio jacks
	1 x BIOS FlashBack™ button
Conectores Internos	Fan and Cooling related
	1 x 4-pin CPU Fan header
	1 x 4-pin CPU OPT Fan header
	1 x 4-pin AIO Pump header
	4 x 4-pin Chassis Fan headers
	Power related
	1 x 24-pin Main Power connector
	1 x 8-pin +12V Power connector
	1 x 4-pin +12V Power connector
	Storage related
	3 x M.2 slots (Key M)
	4 x SATA 6Gb/s ports
	USB
	1 x USB 3.2 Gen 2 connector (supports USB Type-C®)
	1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports
	2 x USB 2.0 headers support additional 4 USB 2.0 ports
	Miscellaneous
	3 x Addressable Gen 2 header

	1 x AURA RGB headers
	1 x Clear CMOS header
	1 x CPU Over Voltage jumper
	1 x Front Panel Audio header (AAFP)
	1 x S/PDIF Out header
	1 x 20-3 pin System Panel header with Chassis intrude function
	1 x Thermal Sensor header
	1 x Thunderbolt™ header
	1 x COM_DEBUG header
Características especiales	Extreme Engine Digi+
	- 5K Black Metallic Capacitors
	ASUS Q-Design
	- M.2 Q-Latch
	- PCIe Slot Q-Release
	- Q-DIMM
	- Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green])
	- Q-Slot
	ASUS Thermal Solution
	- M.2 heatsink
	- VRM heatsink design
	ASUS EZ DIY
	- BIOS FlashBack™ button
	- BIOS FlashBack™ LED
	- ProCool
	- Pre-mounted I/O shield
	- SafeSlot
	- SafeDIMM
	AURA Sync
	- AURA RGB header
	- Addressable Gen 2 headers
Características del software	ROG Exclusive Software
	- GameFirst VI
	- ROG CPU-Z
	- Sonic Studio III + Sonic Studio Virtual Mixer + Sonic Suite Companion
	- Sonic Radar III
	- DTS® Sound Unbound
	- Anti-virus software
	ASUS Exclusive Software
	Armoury Crate
	- AIDA64 Extreme (60 days free trial)
	- AURA Creator
	- AURA Sync
	- Xpert 4
	- Power Saving
	- Two-Way AI Noise Cancellation
	AI Suite 3
	- TPU
	- DIGI+ VRM



	- Turbo app
	- PC Cleaner
	MyAsus
	WinRAR
	UEFI BIOS
	ASUS EZ DIY
	- ASUS CrashFree BIOS 3
	- ASUS EZ Flash 3
	- ASUS UEFI BIOS EZ Mode
	FlexKey
BIOS	256 Mb Flash ROM, UEFI AMI BIOS
Manejabilidad	WOL by PME, PXE
Accesorios	Cables
	2 x SATA 6Gb/s cables
	Additional Cooling Kit
	1 x Thermal pad for M.2
	Miscellaneous
	1 x ASUS Wi-Fi moving antennas
	1 x Cable ties pack
	1 x M.2 Q-Latch package
	1 x ROG key chain
	1 x ROG Strix stickers
	1 x ROG Strix thank you card
	2 x Rubber Packages for M.2
	Documentation
	1 x User guide
Sistema Operativo	Windows® 11 64-bit
Factor Forma	ATX Form Factor
	12 inch x 9.6 inch (30.5 cm x 24.4 cm)